

FIG. 1.
(PRIOR ART)

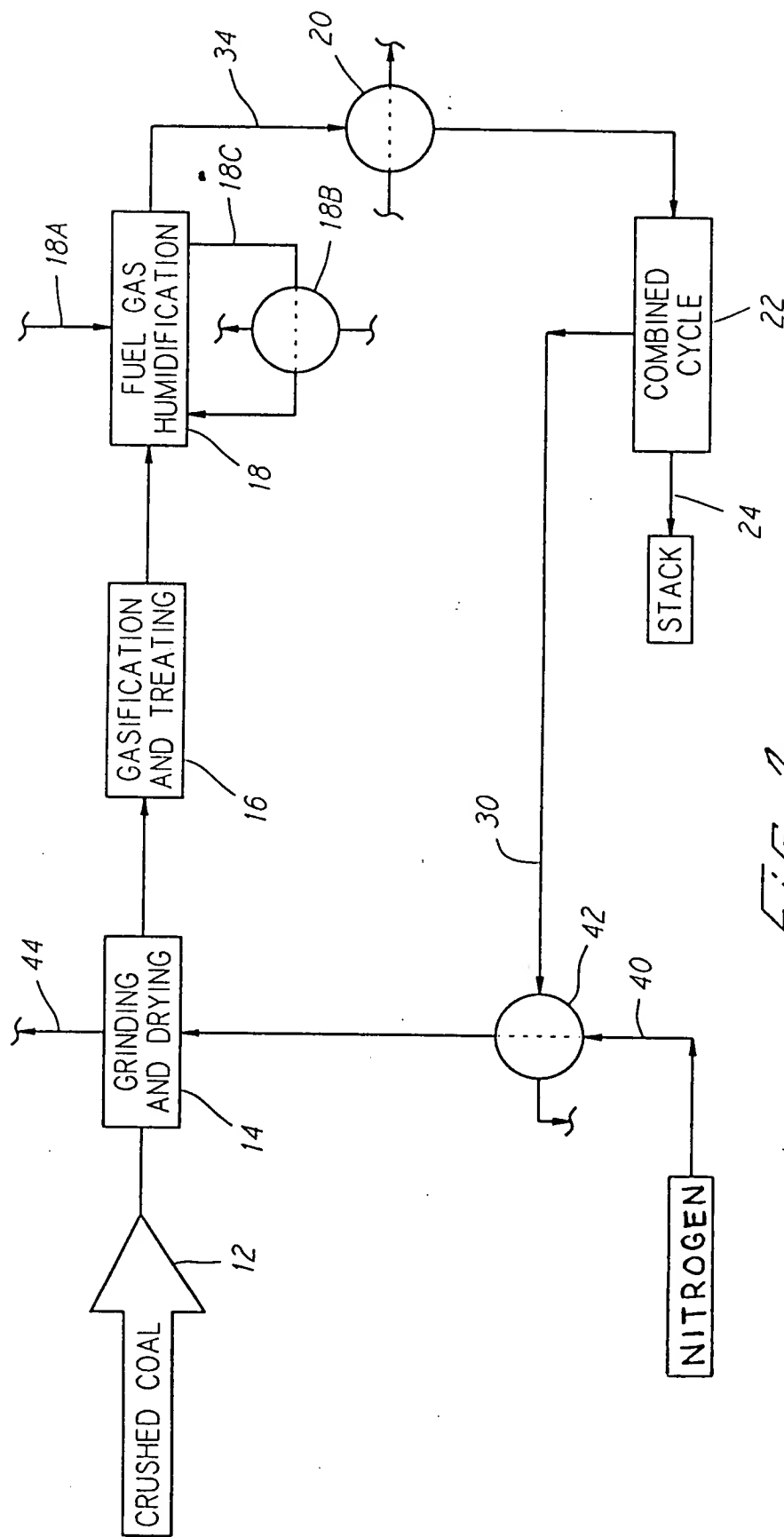


FIG. 2.
(PRIOR ART)

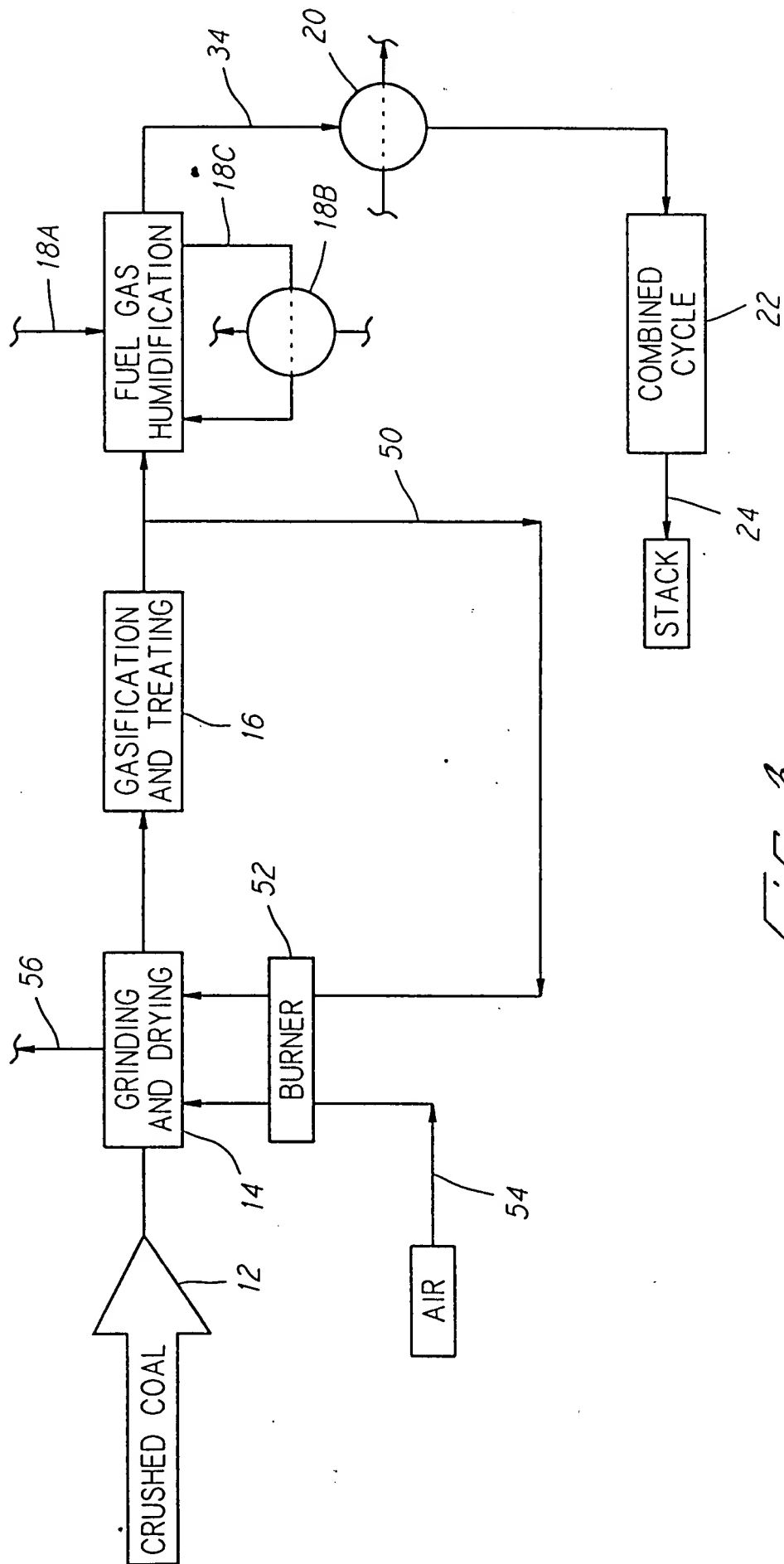
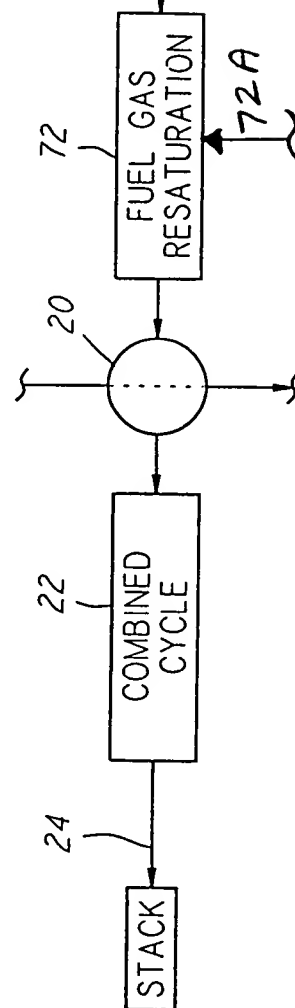


FIG. 3.
(PRIOR ART)

FIG. 4.

The diagram illustrates a process for converting crushed coal into a fuel gas. The process begins with **CRUSHED COAL** entering a hopper **12**. The coal then moves to a **GRINDING** unit **14A**, followed by a **DRYING** unit **14B**. The dried coal is then fed into a **GASIFICATION AND TREATING** unit **16**. This unit has an oxygen (**O₂**) input and an output stream **19** that passes through a **FILTER** **68** before being recirculated back to the drying unit **14B**. The gasification unit **16** also receives a gas stream **60** from a compressor **92** and a gas stream **72** from a **FUEL GAS RESATURATION** unit. The output of the gasification unit **16** is a gas stream **64** that is pumped by a pump **62** to a **COMBINED CYCLE** unit **22**. The combined cycle unit **22** has a gas inlet **20** and a gas outlet **24** leading to a **STACK**. A gas stream **72A** is also shown entering the fuel gas resaturation unit.



[illegible]